

GenCore version 6.2.1
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OM protein – protein search, using SW model

Run on: May 3, 2008, 17:47:58 ; Search time 35 Seconds
 (without alignments)
 228.825 Million cell updates/sec

Title: US-10-502-115-1
Perfect score: 217
Sequence: 1 SDKPDMAEIEKFDSSKLKKT. EKNPLPSKETIEQEKOAGES 43

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1143754 seqs, 186252778 residues

Total number of hits satisfying chosen parameters: 1143754

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Database : Issued_Patents_AA:*
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4: /ABSSS/Data/CRF/ptodata/1/iaa/H_COMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	217	100.0	44	2 US-09-058-489-27	Sequence 27, App1
2	217	100.0	44	3 US-10-171-311-220	Sequence 220, App
3	217	100.0	44	3 US-10-887-775-40	Sequence 40, App1
4	217	100.0	56	2 US-10-037-417-129	Sequence 129, App
5	214	98.6	43	3 US-10-887-775-38	Sequence 38, App1
6	212	97.7	43	3 US-10-887-775-39	Sequence 39, App1
7	211	97.2	43	3 US-10-853-505-2	Sequence 2, App1
8	209	96.3	43	3 US-10-887-775-41	Sequence 41, App1
9	203	93.5	43	3 US-10-853-505-4	Sequence 4, App1
10	202	93.1	40	2 US-09-689-486-39	Sequence 39, App1
11	202	93.1	40	2 US-09-973-424A-39	Sequence 39, App1
12	202	93.1	41	2 US-09-689-486-40	Sequence 40, App1
13	202	93.1	41	2 US-09-973-424A-40	Sequence 40, App1
14	202	93.1	43	3 US-10-853-505-3	Sequence 3, App1
15	199	91.7	40	2 US-09-689-486-41	Sequence 41, App1
16	199	91.7	40	2 US-09-973-424A-41	Sequence 41, App1
17	199	91.7	44	2 US-09-058-489-28	Sequence 28, App1
18	195	89.9	39	2 US-09-689-486-42	Sequence 42, App1
19	195	89.9	39	2 US-09-973-424A-42	Sequence 42, App1
20	195	89.9	39	2 US-09-973-424A-42	Sequence 42, App1

20	184	84.8	40	2	US-09-689-486-43	Sequence 43, Appl1
21	184	84.8	40	2	US-09-973-424A-43	Sequence 43, Appl1
22	182	83.9	40	2	US-09-689-486-45	Sequence 45, Appl1
23	182	83.9	40	2	US-09-973-424A-45	Sequence 45, Appl1
24	182	83.9	42	3	US-10-853-505-9	Sequence 9, Appl1
25	177	81.6	43	3	US-10-853-505-10	Sequence 10, Appl1
26	174	80.2	40	2	US-09-689-486-46	Sequence 46, Appl1
27	174	80.2	40	2	US-09-973-424A-46	Sequence 46, Appl1
28	171	78.8	40	2	US-09-689-486-38	Sequence 38, Appl1
29	171	78.8	40	2	US-09-689-486-44	Sequence 44, Appl1
30	171	78.8	40	2	US-09-973-424A-38	Sequence 38, Appl1
31	171	78.8	40	2	US-09-973-424A-44	Sequence 44, Appl1
32	171	78.8	41	3	US-10-853-505-6	Sequence 6, Appl1
33	171	78.8	41	3	US-10-853-505-8	Sequence 8, Appl1
34	170	78.3	41	3	US-10-853-505-11	Sequence 11, Appl1
35	168	77.4	40	2	US-09-689-486-37	Sequence 37, Appl1
36	168	77.4	40	2	US-09-973-424A-37	Sequence 37, Appl1
37	168	77.4	41	3	US-10-853-505-5	Sequence 5, Appl1
38	164	75.6	38	2	US-09-689-486-48	Sequence 48, Appl1
39	164	75.6	38	2	US-09-973-424A-48	Sequence 48, Appl1
40	163	75.1	43	3	US-10-853-505-7	Sequence 7, Appl1
41	163	75.1	44	2	US-09-919-039-291	Sequence 291, Appl1
42	163	75.1	44	3	US-10-853-505-13	Sequence 13, Appl1
43	163	75.1	45	1	US-08-664-856A-2	Sequence 2, Appl1
44	163	75.1	45	1	US-08-801-796-2	Sequence 2, Appl1
45	163	75.1	45	1	US-08-931-877-2	Sequence 2, Appl1

RESULT 1
US-09-058-489-27
- ~~~~ ~7 π~~~1: ~~~+: ~~~ τττ / ηηηεοοο

ALIGNMENTS

; Patent No. 7125663
; GENERAL INFORMATION:
; APPLICANT: Schlegel, Robert
; APPLICANT: Chen, Yan
; APPLICANT: Zhao, Xumei
; APPLICANT: Monahan, John
; APPLICANT: Kamatkar, Shubhangi
; APPLICANT: Glatt, Karen
; APPLICANT: Gannavarapu, Manjula
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY
; TITLE OF INVENTION: OF CERVICAL CANCER
; FILE REFERENCE: MRI-035
; CURRENT APPLICATION NUMBER: US/10/171,311
; CURRENT FILING DATE: 2002-06-12
; PRIOR APPLICATION NUMBER: US 60/298,159
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US 60/298,155
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US 60/335,936
; PRIOR FILING DATE: 2001-11-14
; NUMBER OF SEQ ID NOS: 238
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 220
; LENGTH: 44
; TYPE: PRT
; ORGANISM: Homo sapiens
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Best Local Similarity 100.0%; Pred. No. 6e-20;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-10-887-775-40

; ; APPLICANT: Stone, David J
; ; APPLICANT: Boldog, Ferenc L
; ; APPLICANT: Guo, Xiao jia
; ; APPLICANT: Shenoy, Suresh G
; ; APPLICANT: Anderson, David W
; ; APPLICANT: Padigaru, Muralidhara
; ; APPLICANT: Taupier Jr, Raymond J
; ; APPLICANT: Miller, Charles E
; ; APPLICANT: Eisen, Andrew J
; ; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; ; FILE REFERENCE: 21402-235
; ; CURRENT APPLICATION NUMBER: US/10/037,417
; ; CURRENT FILING DATE: 2002-09-20
; ; PRIOR APPLICATION NUMBER: 60/260,018
; ; PRIOR FILING DATE: 2001-01-05
; ; PRIOR APPLICATION NUMBER: 60/260,360
; ; PRIOR FILING DATE: 2001-01-08
; ; PRIOR APPLICATION NUMBER: 60/272,411
; ; PRIOR FILING DATE: 2001-02-28
; ; PRIOR APPLICATION NUMBER: 60/272,817
; ; PRIOR FILING DATE: 2001-03-02
; ; PRIOR APPLICATION NUMBER: 60/291,186
; ; PRIOR FILING DATE: 2001-05-15
; ; PRIOR APPLICATION NUMBER: 60/303,231
; ; PRIOR FILING DATE: 2001-07-05
; ; PRIOR APPLICATION NUMBER: 60/305,060
; ; PRIOR FILING DATE: 2001-07-12
; ; PRIOR APPLICATION NUMBER: 60/318,405
; ; PRIOR FILING DATE: 2001-09-10
; ; PRIOR APPLICATION NUMBER: 60/318,700
; ; NUMBER OF SEQ ID NOS: 227
; ; SOFTWARE: PatentIn Ver. 2.1
; ;
; ; C:\PATENT\12345678901234567890.PCT

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; SEQ ID NO 129
; LENGTH: 56
; TYPE: PRT
; ORGANISM: Rattus norvegicus
US-10-037-417-129

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Best Local Similarity 100.0%;  Pred. No. 7.9e-20;
Matches 43;  Conservative 0;  Mismatches 0;  Indels 0;
Gaps 0;

QY          1 SDKPDDMAEIEKFDKSKLKKTETQEKNPLPSKETIEQEKKQAGES 43
Db          14 SDKPDDMAEIEKFDKSKLKKTETQEKNPLPSKETIEQEKKQAGES 56

RESULT 5
US-10-887-775-38
; Sequence 38, Application US/10887775
; Patent No. 7268117
; GENERAL INFORMATION:
; APPLICANT: MESSER, Jeffrey
; APPLICANT: BENJAMIN, Dennis
; APPLICANT: VATH, James
; APPLICANT: SIGEL, Eric
; TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF
; TITLE OF INVENTION: ENDOMETRIOSIS
; FILE REFERENCE: PPI-149
; CURRENT APPLICATION NUMBER: US/10/887,775
; CURRENT FILING DATE: 2004-07-09
; PRIOR APPLICATION NUMBER: 60/486,379
; PRIOR FILING DATE: 2003-07-11
; PRIOR APPLICATION NUMBER: 60/533,430
; PRIOR FILING DATE: 2002-12-20

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; CURRENT APPLICATION NUMBER: US/10/887,775
; CURRENT FILING DATE: 2004-07-09
; PRIOR APPLICATION NUMBER: 60/486,379
; PRIOR FILING DATE: 2003-07-11
; PRIOR APPLICATION NUMBER: 60/533,430
; PRIOR FILING DATE: 2003-12-29
; PRIOR APPLICATION NUMBER: 60/575,269
; PRIOR FILING DATE: 2004-05-08
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 39
; LENGTH: 43
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-887-775-39

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Best Local Similarity 97.7%; Pred. No. 2.4e-19;
Matches 42; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Db 1 SDKPDMAEIEKFDKPKLKKTETQEKNPLPSKETIEQEKQAGES 43

RESULT 7

US-10-853-505-2
; Sequence 2, Application US/10853505
; Patent No. 7268118
; GENERAL INFORMATION:
; APPLICANT: Kleinman, Hynda K.
; APPLICANT: Goldstein, Allan L.
; APPLICANT: Malinda, Katherine M.
; APPLICANT: ~~~~~ ~~~~~ ~~~~~ ~~~~~

APPLICANT: Sosne, Gabriel
TITLE OF INVENTION: THYMOSEN BETA 4 PROMOTES WOUND REPAIR
FILE REFERENCE: 08830-056001
CURRENT APPLICATION NUMBER: US/10/853,505
CURRENT FILING DATE: 2004-05-26
PRIOR APPLICATION NUMBER: US/09/772,445
PRIOR FILING DATE: 2001-01-29
PRIOR APPLICATION NUMBER: PCT/US99/17282
PRIOR FILING DATE: 1999-07-30
PRIOR APPLICATION NUMBER: US 60/094,690
PRIOR FILING DATE: 1998-07-30
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 43
TYPE: PRT
ORGANISM: Homo sapiens
US-10-853-505-2

Query	1	SDKPDMAEIEKFDKSLLKKTETQEKNPLPSKETIEQEKKAGES	43
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Matches	42;	Conservative 0; Mismatches 1; Indels 0;	Gaps 0;
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RESULT 8
US-10-887-775-41
; Sequence 41, Application US/10887775
; Patent No. 7268117
; GENERAL INFORMATION:
; SEARCHED, SERIALIZED, INDEXED, FILED

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; APPLICANT: MESSER, Jeffrey
; APPLICANT: BENJAMIN, Dennis
; APPLICANT: VATH, James
; APPLICANT: SIGEL, Eric
; TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR
; IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF
; TITLE OF INVENTION: ENDOMETRIOSIS
; FILE REFERENCE: PPI-149
; CURRENT APPLICATION NUMBER: US/10/887,775
; CURRENT FILING DATE: 2004-07-09
; PRIOR APPLICATION NUMBER: 60/486,379
; PRIOR FILING DATE: 2003-07-11
; PRIOR APPLICATION NUMBER: 60/533,430
; PRIOR FILING DATE: 2003-12-29
; PRIOR APPLICATION NUMBER: 60/575,269
; PRIOR FILING DATE: 2004-05-08
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 41
; LENGTH: 43
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-887-775-41

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Query Match 96.3%; Score 209; DB 3; Length 43;
 Best Local Similarity 97.7%; Pred. No. 5.8e-19;
 Matches 42; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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RESULT 10
US-09-689-486-39
; Sequence 39, Application US/09689486
; Patent No. 6855806
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K
; APPLICANT: Taupier Jr, Raymond J
; APPLICANT: Bandaru, Raj
; TITLE OF INVENTION: NOVEL THYMOSIN BETA 10-LIKE PROTEINS AND NUCLEIC ACIDS
; TITLE OF INVENTION: ENCODING SAME
; FILE REFERENCE: 15966-585
; CURRENT APPLICATION NUMBER: US/09/689,486
; CURRENT FILING DATE: 2000-10-12
; PRIOR APPLICATION NUMBER: 60/159,805
; PRIOR FILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: 60/159,992
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: 60/160,952
; PRIOR FILING DATE: 1999-10-22
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-689-486-39
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Best Local Similarity 100.0%; Pred. No. 4e-18;
Matches 40; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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	1		
Db	1	SDKPDMAEIEKFDFSKLKKTETQEKNPLPSKETIEQEKQA	40

RESULT 11
US-09-973-424A-39
; Sequence 39, Application US/09973424A
; Patent No. 6992170
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K
; APPLICANT: Taupier Jr, Raymond J
; APPLICANT: Bandaru, Raj
; TITLE OF INVENTION: NOVEL POLYPEPTIDE
; TITLE OF INVENTION: RECEPTORS, AND H
; TITLE OF INVENTION: ENCODING SAME
; FILE REFERENCE: 15966-585 C1P2
; CURRENT APPLICATION NUMBER: US/09/973
; CURRENT FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/159, 805
; PRIOR FILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: 60/159, 992
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: 60/160, 952
; PRIOR FILING DATE: 1999-10-22
; PRIOR APPLICATION NUMBER: 09/689, 486
; PRIOR FILING DATE: 2000-10-12
; PRIOR APPLICATION NUMBER: 09/687, 276
; PRIOR FILING DATE: 2000-10-13
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39

ט נאומת

; PRIOR APPLICATION NUMBER: 60/159,992
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: 60/160,952
; PRIOR FILING DATE: 1999-10-22
; PRIOR APPLICATION NUMBER: 09/689,486
; PRIOR FILING DATE: 2000-10-12
; PRIOR APPLICATION NUMBER: 09/687,276
; PRIOR FILING DATE: 2000-10-13
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 40
; LENGTH: 41
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-973-424A-40

Query Match 93.1%; Score 202; DB 2; Length 41;
Best Local Similarity 100.0%; Pred. No. 4.1e-18;
Matches 40; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 2 SDKPDMAEIEKFDKSKLKKTETQEKNPLPSKETIEQEKQA 41

RESULT 14

US-10-853-505-3

; Sequence 3, Application US/10853505
; Patent No. 7268118
; GENERAL INFORMATION:
; APPLICANT: Kleinman, Hynda K.
; APPLICANT: Goldstein, Allan L.
; APPLICANT: Malinda, Katherine M.
; APPLICANT: ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~

; APPLICANT: Prayaga, Sudhirdas K
; APPLICANT: Taupier Jr, Raymond J
; APPLICANT: Bandaru, Raj
; TITLE OF INVENTION: NOVEL THYMOSIN BETA 10-LIKE PROTEINS AND NUCLEIC ACIDS
; TITLE OF INVENTION: ENCODING SAME
; FILE REFERENCE: 15966-585
; CURRENT APPLICATION NUMBER: US/09/689,486
; CURRENT FILING DATE: 2000-10-12
; PRIOR APPLICATION NUMBER: 60/159,805
; PRIOR FILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: 60/159,992
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: 60/160,952
; PRIOR FILING DATE: 1999-10-22
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Oryctolagus cuniculus
US-09-689-486-41

Query Match 91.7%; Score 199; DB 2; Length 40;
Best Local Similarity 97.5%; Pred. No. 9.4e-18;
Matches 39; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 SDKPDMAEIEKFDKSKLKKTETQEKNPLPSKETIEQEKQA 40
Db : ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
1 ADKPDMAEIEKFDKSKLKKTETQEKNPLPSKETIEQEKQA 40

Search completed: May 3, 2008, 17:48:41
Job time : 35 secs

